ABSTRACT OF THE DISCLOSURE

The invention relates to a monitoring device (1) for a data processing system (2) in a network with network connections (4) for protecting data memory devices and/or data transmission devices of the data processing system from unauthorized access. Said data processing system comprises a disabling circuit (6) of interfaces (8, 10, 12, 14). According to the invention, only one data memory device (9) is connected to a bootable interface (8) of the data processing system (2) as a mainboot device that can be freely booted; other bootable interfaces (10,12,14) are first disabled; and at least one of the interfaces (10, 12, 14) disabled by means of the disabling circuit (6) is released by means of the network connection (4), from a data processing point (16) located at a distance in the network, after authorization from a person authorised to logon at the data processing point (16).